Subject Index for
Electronics and Communications in Japan, Part 3, Volume 77, 1994

Acoustic environment: **3**, 18-27
Adaptive controller design: **7**, 24-34
Adaptive equalizer: **1**, 75-84
Adaptive filter: **5**, 19-27, 87-96
Adaptive noise canceller: **4**, 69-80
Adaptive noise elimination filter: **12**, 82-91
Adaptive system identification in subbands: **11**, 78-80
Adaptive testing: **7**, 1-12
Address: **8**, 69-83
Airborne collision avoidance system: **5**, 108-116
Algebraic-geometric codes: **11**, 56-68
Algorithm convergence: **5**, 76-86
Allband filter: **11**, 91-101
Allpass network: **4**, 99-109
Amplitude deviation: **1**, 95-104
Analog circuit design: **3**, 87-96
Analogical reasoning: **3**, 75-86
Analytic signal: **5**, 87-96
Analytical signal: **5**, 19-27
AR modeling: **1**, 104-113
ARMA: **8**, 1-13
ARQ scheme: **6**, 36-46
Asynchronous simultaneous oscillation: **7**, 13-23
AT-cut quartz plate: **8**, 39-47
ATM: **8**, 69-83
Auditory scene analysis: **7**, 35-47
Automation of analog circuit design: **3**, 87-96

Backpropagation probabilistic descent method: **9**, 12-21
Backup: **10**, 63-70
Balanced realization: **10**, 83-91
Bandwidth: **5**, 46-57
Baseline fluctuation elimination filter: **12**, 82-91
Berlekamp-Massey algorithm: **11**, 56-68
Best code: **4**, 55-68
Bifurcation: **3**, 106-114
Binary decision diagram: **3**, 52-51
Bit error: **10**, 12-26
Bit error probability: **4**, 55-68
Block adaptive algorithm: **9**, 1-11
Block angular structure: **11**, 22-33

CAD: **1**, 20-31
CAI: **7**, 1-12
Calculation error: **6**, 92-106
Capacity: **2**, 45-57
CCITT Recommendation H.261: **6**, 92-106
CELP: **11**, 34-44
Channel code: **11**, 34-44
Channel routing: **11**, 45-55
Channel-graph: **11**, 45-55
Chaos: **9**, 12-21
Chaos in semiconductor devices: **6**, 107-115
Charge pattern: **8**, 39-47
Circuit diagnosis: **12**, 11-23
Circuit parameter estimation: **12**, 11-23
Closed-loop training: **11**, 34-44
Clustering: **7**, 35-47
Coates graph: **9**, 82-92
Code excited linear prediction (CELP): **12**, 36-49
CODEC LSI: **2**, 24-34
Coded voice: **1**, 1-10
Coding efficiency: **2**, 45-57
Coding rate: **2**, 45-57
Coefficient sensitivity: **8**, 14-27
Coherent state: **4**, 22-33
Communication terminal: **7**, 69-83
Compaction: **1**, 20-31
Complex coefficient: **5**, 46-57
Compression: **2**, 24-34
Computer assisted instruction: **6**, 1-10
Conjugate structure: **11**, 34-44
Conjugate-gradient method: **9**, 1-11
Continuous method: **10**, 49-62
Continuous speech recognition: **6**, 80-91; **11**, 1-12
Convergence: **12**, 92-102
Convergence property: **11**, 78-80
Converse truth qualification: **9**, 73-81
Convolution integral: **6**, 47-57
Convolutional code: **4**, 55-68
Correlation: **4**, 69-80
Correlation time 3, 28: **3**, 28-39
Cosine modulation: **11**, 69-77
Crosstalk: **4**, 69-80
Cryptologic attack: **9**, 54-60, 61-72; **12**, 50-56
Cryptosystems: **9**, 54-60; **12**, 50-56
CSCW: **8**, 58-68
Cumulant-generating function: **1**, 32-42
Cut-off frequency: **5**, 46-57

(d, k) code: **2**, 45-57
Data analysis: **2**, 14-23

Subject Index for
Electronics and Communications in Japan, Part 3, Volume 77, 1994

Acoustic environment: **3**, 18-27
Adaptive controller design: **7**, 24-34
Adaptive equalizer: **1**, 75-84
Adaptive filter: **5**, 19-27, 87-96
Adaptive noise canceller: **4**, 69-80
Adaptive noise elimination filter: **12**, 82-91
Adaptive system identification in subbands: **11**, 78-80
Adaptive testing: **7**, 1-12
Address: **8**, 69-83
Airborne collision avoidance system: **5**, 108-116
Algebraic-geometric codes: **11**, 56-68
Algorithm convergence: **5**, 76-86
Allband filter: **11**, 91-101
Allpass network: **4**, 99-109
Amplitude deviation: **1**, 95-104
Analog circuit design: **3**, 87-96
Analogical reasoning: **3**, 75-86
Analytic signal: **5**, 87-96
Analytical signal: **5**, 19-27
AR modeling: **1**, 104-113
ARMA: **8**, 1-13
ARQ scheme: **6**, 36-46
Asynchronous simultaneous oscillation: **7**, 13-23
AT-cut quartz plate: **8**, 39-47
ATM: **8**, 69-83
Auditory scene analysis: **7**, 35-47
Automation of analog circuit design: **3**, 87-96

Backpropagation probabilistic descent method: **9**, 12-21
Backup: **10**, 63-70
Balanced realization: **10**, 83-91
Bandwidth: **5**, 46-57
Baseline fluctuation elimination filter: **12**, 82-91
Berlekamp-Massey algorithm: **11**, 56-68
Best code: **4**, 55-68
Bifurcation: **3**, 106-114
Binary decision diagram: **3**, 52-51
Bit error: **10**, 12-26
Bit error probability: **4**, 55-68
Block adaptive algorithm: **9**, 1-11
Block angular structure: **11**, 22-33

CAD: **1**, 20-31
CAI: **7**, 1-12
Calculation error: **6**, 92-106
Capacity: **2**, 45-57
CCITT Recommendation H.261: **6**, 92-106
CELP: **11**, 34-44
Channel code: **11**, 34-44
Channel routing: **11**, 45-55
Channel-graph: **11**, 45-55
Chaos: **9**, 12-21
Chaos in semiconductor devices: **6**, 107-115
Charge pattern: **8**, 39-47
Circuit diagnosis: **12**, 11-23
Circuit parameter estimation: **12**, 11-23
Closed-loop training: **11**, 34-44
Clustering: **7**, 35-47
Coates graph: **9**, 82-92
Code excited linear prediction (CELP): **12**, 36-49
CODEC LSI: **2**, 24-34
Coded voice: **1**, 1-10
Coding efficiency: **2**, 45-57
Coding rate: **2**, 45-57
Coefficient sensitivity: **8**, 14-27
Coherent state: **4**, 22-33
Communication terminal: **7**, 69-83
Compaction: **1**, 20-31
Complex coefficient: **5**, 46-57
Compression: **2**, 24-34
Computer assisted instruction: **6**, 1-10
Conjugate structure: **11**, 34-44
Conjugate-gradient method: **9**, 1-11
Continuous method: **10**, 49-62
Continuous speech recognition: **6**, 80-91; **11**, 1-12
Convergence: **12**, 92-102
Convergence property: **11**, 78-80
Converse truth qualification: **9**, 73-81
Convolution integral: **6**, 47-57
Convolutional code: **4**, 55-68
Correlation: **4**, 69-80
Correlation time 3, 28: **3**, 28-39
Cosine modulation: **11**, 69-77
Crosstalk: **4**, 69-80
Cryptologic attack: **9**, 54-60, 61-72; **12**, 50-56
Cryptosystems: **9**, 54-60; **12**, 50-56
CSCW: **8**, 58-68
Cumulant-generating function: **1**, 32-42
Cut-off frequency: **5**, 46-57

(d, k) code: **2**, 45-57
Data analysis: **2**, 14-23

Data compression: **8**, 1-13
Data maintainability: **10**, 63-70
Dataflow analysis: **2**, 1-13
DC operating-point analysis: **10**, 49-62
DCT: **6**, 92-106
De Novo programming problem: **9**, 22-31
Decca navigation system: **11**, 102-112
Decentralized control: **4**, 34-43
Decimation filter: **6**, 10-24
Decimation ratio: **11**, 78-80
Degree of freedom: **3**, 28-39
Degree of nonlinearity: **2**, 35-44
Dempster's law of combination: **7**, 35-47
Design procedure: **3**, 87-96
Development of module generator: **3**, 87-96
Device sensitivity: **9**, 82-92
Diagnosis of student model: **3**, 75-86
Differential-integral operator: **12**, 103-111
3-D digital filter: **10**, 83-91
Digital filters: **3**, 97-105; **4**, 99-109
Digital Holter ECG: **12**, 82-91
Digital lattice filters: **3**, 97-105
Directed graph: **2**, 1-13
Discrete dynamical system: **9**, 12-21
Discrete event system: **4**, 22-33
Discriminant analysis: **8**, 48-57
Domain model: **8**, 84-92
Double-stimulus continuous-quality-scale method: **7**, 84-103
Double-talk detection: **4**, 69-80
Dynamic programming: **4**, 12-21; **9**, 32-41

Earliest firing rule: **5**, 58-67
ECG: **12**, 82-91
Educational assessment: **7**, 1-12
Educational information: **7**, 1-12
Educational technology: **2**, 14-23
EEG: **2**, 58-67
Eigenvalue: **1**, 43-52
Eigenvalue problem: **4**, 99-109
Electromagnetic compatibility: **11**, 102-112
Electromagnetic scattering: **7**, 104-114
Electromyogram: **1**, 43-52
Elementary m-route flow: **5**, 1-18
Elimination algorithm: **2**, 1-13
Embedded RAM: **4**, 110-120
Encoding/decoding algorithm: **2**, 45-57
Entropy model: **2**, 14-23

Equilibrium type: **12**, 57-62
Equilibrium types: **2**, 105-113
Equivalent bandwidth: **3**, 28-39
Equivalent negative resistance: **7**, 13-23
Ergodic HMM: **6**, 70-79; **12**, 63-70
Error estimation: **5**, 108-116
Estimate of stability regions: **4**, 44-54
Euclidean algorithm: **11**, 56-68
Evaluation of educational audiovisual software: **2**, 58-67
Evaluation of student progress: **6**, 1-10
Excitation codebook: **11**, 34-44
Expansion: **2**, 24-34
Expansion/contraction: **2**, 68-74
Exponential-weighted square sum: **4**, 69-80

Failure probability: **10**, 63-70
Fast phase acquisition: **8**, 93-104
Fault-tolerant techniques: **10**, 63-70
Feature extraction: **8**, 48-57
Filter bank: **10**, 37-48
Filter design: **10**, 83-91
Filter design method: **12**, 71-81
Filter theory: **9**, 82-92
Finite field: **5**, 28-38
FIR filter: **6**, 10-24; **12**, 71-81
First return map: **6**, 107-115
First-passage time distribution: **1**, 32-42
Fisher criterion: **8**, 48-57
Fisher information: **3**, 28-39
Fisher information matrix: **9**, 82-92
Fixed-point problem: **2**, 1-13
Flexural mode: **8**, 28-38
Flow network: **5**, 1-18
Formal verification: **3**, 52-51
Formant bandwidth: **10**, 27-36
Four-directional filtering: **2**, 75-84
Four-layer routing: **11**, 45-55
Frame correlation constraint: **6**, 58-69
Frequency component: **7**, 35-47
Frequency offset estimation: **8**, 93-104
Frequency sampling method: **12**, 71-81
Frequency selective fading channel 1, 75: **1**, 75-84
Frequency-dependent negative inductor (FDNL): **6**, 25-35
Frequency-dependent negative resistor (FDNR): **6**, 25-35
Frequency-time product: **3**, 28-39
Functional description language: **3**, 52-51
Functionals: **4**, 22-33
Fuzzy classification systems: **2**, 94-104
Fuzzy decision: **11**, 22-33
Fuzzy goal: **11**, 22-33

Fuzzy if-then rules: **2**, 94-104
Fuzzy reasoning: **9**, 73-81
Fuzzy satisficing method: **11**, 22-33

Galerkin's method: **8**, 28-38
Gaze: **3**, 1-17
Generalized autoregressive model: **3**, 18-27
Generation of Lyapunov functions: **4**, 44-54
Generation of multidimensional arrays: **11**, 56-68
Genetic algorithms: **2**, 94-104
Geodesic distance: **9**, 82-92
Green's function: **12**, 103-111
Groupware: **8**, 58-68
GUB structure: **9**, 22-31

Hard oscillation: **7**, 13-23
Heteroclinic orbit: **2**, 85-93
Hidden Markov model (HMM): **6**, 58-69
High accuracy: **12**, 92-102
High dimensional dynamical system: **10**, 92-101
High-speed decoding: **11**, 56-68
Higher moment features: **3**, 1-17
Higher-order immittance simulation: **6**, 25-35
HMM: **10**, 1-11; **11**, 1-12
Human model: **7**, 58-68
HVHD routing: **11**, 45-55
Hybrid domain: **12**, 71-81
Hybrid filter: **2**, 75-84
Hyperbolic radio navigation system: **11**, 102-112

Identification: **4**, 81-88; **10**, 71-82
IIR digital filter: **11**, 91-101
IIR filter: **5**, 46-57; **6**, 10-24
2-D IIR filter: **2**, 75-84
Image coding: **6**, 92-106; **7**, 84-103
Image processing: **2**, 75-84
Image reconstruction: **10**, 102-111
Image signal processing: **10**, 37-48
Image-generating algorithm: **1**, 53-63
Impedance: **12**, 1-10
Inaccessible node: **12**, 11-23
Induced current density: **7**, 58-68
Information efficiency per photon: **6**, 36-46
Information model: **8**, 84-92
Integral equation: **7**, 58-68
Intelligent CAI: **3**, 75-86
Intelligent communication: **3**, 62-74
Interframe prediction: **10**, 12-26
Intermittency: **6**, 107-115
Invariant determinants: **12**, 57-62
Inverse distribution: **1**, 32-42
Irreducible polynomial: **5**, 28-38

Japanese education: **7**, 1-12
Joint angle: **3**, 62-74
Josephson junction: **2**, 85-93

Kalman filter: **10**, 102-111
Key word spotting: **12**, 24-35
KL expansion: **1**, 43-52
Knapsack problem: **9**, 22-31

LAN: **8**, 69-83
Language identification: **6**, 70-79
Large-scale linear programming: **11**, 22-33
Large-scale system: **4**, 34-43
Lattice filter: **8**, 1-13
Layer assignment: **4**, 12-21
Layout design: **1**, 20-31
Learning algorithm: **1**, 75-84
Learning of concept: **3**, 75-86
Legendre: **5**, 28-38
Limit value: **12**, 92-102
Linear prediction: **1**, 104-113
Linear programming: **9**, 22-31
Linear uncertain multiinput-multioutput system: **7**, 24-34
Linking number: **2**, 85-93
Liveness: **5**, 58-67
Local state-space model: **10**, 83-91
Logic synthesis: **3**, 52-51
Lossless compression: **8**, 1-13
Loudspeaker optimization: **1**, 64-74
Low bit-rate: **12**, 36-49
Low bit-rate coding: **5**, 39-45
LQG regulator: **7**, 48-57
LSI: **1**, 20-31; **4**, 110-120
LSP: **10**, 12-26
Lu-Lee cryptosystem: **9**, 54-60; **12**, 50-56
LZW method: **8**, 1-13

m-route capacity: **5**, 1-18
m-route flow: **5**, 1-18
Manipulator control: **5**, 76-86
Matched filter: **10**, 102-111
Maximally permissive decentralized feedback: **4**, 34-43
Maximum entropy method: **3**, 1-17
Mean-square error: **11**, 78-80
Method of differential cryptanalysis: **9**, 61-72
Method of natural observation: **12**, 57-62
Microphone: **5**, 68-75
Miller integrator: **5**, 97-107
Min-max approximation: **12**, 71-81
Minimal decomposition: **10**, 83-91

Minimally permissive decentralized permissive feedback: **4**, 34-43
MNRU: **1**, 1-10
Mobile communication: **12**, 1-10
Mobile telephone: **12**, 36-49
Modeling: **2**, 35-44
Modified EBU method: **7**, 84-103
Modified transmission line antenna: **12**, 1-10
Modular exponentiation: **3**, 40-51
Modulated noise reference signal: **5**, 39-45
Modulation multiplication: **3**, 40-51
Monolithic integrated filter: **6**, 25-35
Montgomery method: **3**, 40-51
Motion parameter: **3**, 62-74
Moving average: **10**, 12-26
MR/MMR: **2**, 24-34
Multidimensional digital filters: **3**, 97-105
Multidimensional signal processing: **1**, 104-113; **3**, 97-105
Multiinput/multioutput time-invariant state space digital filter : **4**, 1-11
Multilevel recording system: **1**, 85-94
Multimedia communications: **7**, 69-83
Multiobjective linear programming problem: **11**, 22-33
Multiple-layer routing: **9**, 32-41
Multirate processing: **5**, 19-27, 87-96
Multirate system: **10**, 37-48
Multistage fuzzy reasoning: **9**, 101-111
Muscle tension: **1**, 43-52
MUSIC algorithm: **7**, 104-114

"Narrow-band" image: **1**, 53-63
Natural observation method: **2**, 105-113
Natural observation theory: **2**, 114-123
Natural observation transformation: **2**, 105-113
Neighboring type: **12**, 57-62
Neighboring types: **2**, 105-113
Network security: **1**, 11-19
Neural network: **1**, 75-84; **2**, 35-44, 75-84
Noise: **5**, 68-75; **9**, 1-11
Noise cancelling: **12**, 82-91
Noise immunity learning: **12**, 24-35
Non-Gaussian statistics: **3**, 18-27
Nonautonomous system: **3**, 106-114
Nonlinear control: **5**, 76-86
Nonlinear dynamical network: **10**, 92-101
Nonlinear negative resistance: **7**, 13-23
Nonlinear system: **2**, 35-44; **3**, 106-114
Nonminimum phase model: **10**, 71-82
Number of iterations: **9**, 1-11
Numerical algorithm: **5**, 76-86

Object-oriented analysis: **8**, 84-92
Objective function: **1**, 75-84
Operation system: **8**, 84-92
Optical communication system: **6**, 36-46
Optical disk recording system: **1**, 85-94
Optimal control: **5**, 76-86
Optimal state sequence: **6**, 70-79
Origins of natural observation theory: **2**, 114-123
Orthogonal transform: **10**, 37-48
Orthonormal discriminant vector method: **8**, 48-57
OTA: **9**, 82-92

Parallel cyclic circuit: **6**, 10-24
Parallel phoneme labeling: **9**, 42-53
Parallel processing: **11**, 56-68
Parametric loudspeaker: **1**, 64-74
Parasitic capacitance: **5**, 97-107
Pattern classification: **2**, 94-104
Perfect reconstruction: **11**, 69-77
Performance: **2**, 24-34
Performance analysis: **7**, 69-83
Period-adding chaos: **6**, 107-115
Periodic switch operation: **7**, 13-23
Periodically time-varying state-space digital filter: **4**, 1-11
Permutation layout: **9**, 32-41
Petri nets: **5**, 58-67
Phase design: **4**, 99-109
Phoneme label: **11**, 13-21
Phoneme recognition: **11**, 13-21
Phonemic segmentation: **9**, 42-53
Phonotactics: **6**, 70-79
Picture quality evaluation: **7**, 84-103
Piezoelectric thin film: **4**, 89-98
Pitch synchronous innovation: **12**, 36-49
Plate equations: **8**, 39-47
Poisson process: **4**, 22-33
Polishing: **1**, 95-104
Polytope: **4**, 44-54
Portable telephone: **12**, 1-10
Positioning errors: **11**, 102-112
Predictor-corrector method: **10**, 49-62
Probability density function: **2**, 68-74
Probability distribution: **2**, 68-74
Prosodic phrase segmentation: **6**, 80-91
Prosody information: **6**, 80-91
Public-key cryptosystems: **9**, 54-60; **12**, 50-56
Pupil size: **2**, 58-67

Quadratic reciprocity: **5**, 28-38
Quality evaluation: **1**, 1-10
Quasi-coherent detection: **8**, 93-104

Radar: **8**, 105-113
Random codebook: **12**, 36-49
Random moving image: **1**, 53-63
Recurrent neural network: **9**, 12-21
Recursive orthogonal wavelet: **11**, 91-101
Reducible graph: **2**, 1-13
Redundant configuration: **10**, 63-70
Reference signal: **5**, 39-45
Regularization: **12**, 103-111
Resolution conversion: **10**, 37-48
Resonant frequency: **8**, 28-38
Riemannian geometry: **9**, 82-92
RLS algorithm: **8**, 93-104
Robust control: **7**, 48-57
Robust performance: **7**, 24-34
Rounding: **6**, 92-106
Routing problem: **4**, 12-21
RSA cryptosystem: **3**, 40-51
Run-length limited sequence: **2**, 45-57
Run-length-limited (RLL) coding: **1**, 85-94

Saccade: **3**, 1-17
SAW: **1**, 95-104
Scalar potential method: **7**, 58-68
Scaling: **4**, 1-11
Scan design: **4**, 110-120
Scattering center 7, 104: **7**, 104-114
Search algorithm: **4**, 55-68; **11**, 1-12
Secret-key cryptology: **9**, 61-72
Self-demodulation: **1**, 64-74
Self-validating numerics: **10**, 92-101
Separable denominator: **10**, 83-91
Separation theorem: **7**, 48-57
Sequence: **12**, 92-102
Set of fundamental observed values: **12**, 57-62
Shielding room: **2**, 58-67
Shooting method: **6**, 47-57
Shortest path: **2**, 1-13
Sign language: **3**, 62-74
Sign language word: **3**, 62-74
Signal detection: **8**, 105-113
Signal synthesis filter: **8**, 14-27
Signal-to-noise ratio: **8**, 105-113
Signaling: **8**, 69-83
Singular point analysis: **10**, 92-101
Sliding window: **8**, 1-13
Smoothing interpolation: **5**, 108-116
Smoothness measure: **12**, 103-111
Sound source detection: **5**, 68-75
Sound source separation: **5**, 68-75; **7**, 35-47
Sound tube: **10**, 27-36
Source code analysis: **1**, 11-19
Source-stepping algorithm: **10**, 49-62
Spatial smoothing method: **7**, 104-114
Spatial workspace collaboration: **8**, 58-68
Spatio-temporal correlation function: **1**, 53-63
Spatio-temporal spectrum: **1**, 53-63
Speaker adaptation: **10**, 1-11
Speaker recognition: **12**, 63-70
Speaker-independent environment: **6**, 80-91
Speaker-independent recognition: **10**, 1-11
Speaker-independent speech recognition system: **9**, 42-53
Special functional equation: **2**, 68-74
Spectral estimation: **1**, 104-113; **5**, 19-27, 87-96
Spectral interpolation: **10**, 1-11
Speech coding: **12**, 36-49
Speech quality: **5**, 39-45
Speech recognition: **6**, 58-69
Speech response cancellation: **12**, 24-35
Spherical algorithm: **10**, 49-62
SPICE: **5**, 97-107
Spline function: **5**, 108-116
Spontaneous speech dialog: **12**, 24-35
Spontaneous utterance: **12**, 24-35
Spurious resonance: **8**, 39-47
Stability analysis: **4**, 44-54
Star-mesh transformation: **12**, 11-23
State estimation: **3**, 18-27
Stationary random process: **3**, 28-39
Statistical analysis: **4**, 1-11
Statistical parameter space: **9**, 82-92
Steady-state analysis: **6**, 47-57
Stepped vibration bar: **8**, 28-38
Subjective evaluation: **7**, 84-103
Superresolution: **7**, 104-114
Surface acoustic wave: **4**, 89-98
Surface reconstruction: **12**, 103-111
Switched-capacitor (SC) circuit: **6**, 25-35
Switched-capacitor filter: **6**, 10-24
Switching circuit: **6**, 47-57
Switching point of muscle contraction: **1**, 43-52
Symbol sequence matching: **9**, 42-53
Symmetry: **3**, 106-114
Synthetic aperture radar (SAR): **10**, 102-111
System bus architecture: **7**, 69-83
System reliability: **9**, 22-31

T-norm: **9**, 73-81
Temperature coefficient: **4**, 89-98
Test: **4**, 110-120
Text-independent: **12**, 63-70
Third-order statistics: **10**, 71-82
Three-dimensional FEM: **10**, 27-36

Throughput: **6**, 36-46
Thyristor: **6**, 107-115
Time: **3**, 1-17
Time transition model of state probability: **3**, 18-27
Time-varying model: **11**, 78-80
Total harmonic distortion: **5**, 97-107
Traffic control: **8**, 69-83
Transformation matrix: **4**, 1-11
Trojan horse programs: **1**, 11-19
Truth qualification: **9**, 73-81
Truth space approach: **9**, 73-81, 101-111
Tuning fork resonator: **8**, 28-38
Two-dimensional filter bank: **11**, 69-77
Type: **12**, 92-102

Ultrasound: **1**, 64-74
Understanding Potential Score: **6**, 1-10
Unknown parameters: **7**, 48-57
Utterance variation: **12**, 63-70

Variable: **5**, 46-57
Vector quantization: **10**, 12-26; **12**, 63-70
Vertical profile: **5**, 108-116
Via: **4**, 12-21
Via minimization: **9**, 32-41
VLSI layout: **11**, 45-55
Vocabulary dependency: **10**, 1-11
Vocal tract transfer function: **10**, 27-36
Wall impedance: **10**, 27-36
Waveform observation: **2**, 114-123
Waveform: **2**, 105-113
Wavelet transform: **8**, 105-113; **11**, 91-101
Wavelet transformation: **4**, 81-88
Weight distribution: **4**, 55-68
Weighting function: **4**, 81-88
Wiener process: **4**, 12-21
Wiener-Ito expansion: **4**, 22-33
Wigner-Ville distribution: **4**, 81-88
Wire-grid method: **12**, 1-10
Word length: **6**, 92-106

ZnO: **1**, 95-104